

Connecting via Winsock to Dialog

Logging in to Dialog

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

ENTER PASSWORD:

Welcome to DIALOG

Dialog level 02.14.01D

Last logoff: 17mar03 15:34:45

Logon file001 17may03 13:29:29

* * * * See HELP NEWS 225 for information on new search prefixes
and display codes

File 1:ERIC 1966-2003/Apr 23

(c) format only 2003 The Dialog Corporation

Set Items Description

--- -----

Cost is in DialUnits

? b 410

17may03 13:29:29 User208652 Session D492.1

\$0.26 0.074 DialUnits File1

\$0.26 Estimated cost File1

\$0.26 Estimated cost this search

\$0.26 Estimated total session cost 0.074 DialUnits

File 410:Chronolog(R) 1981-2003/Mar

(c) 2003 The Dialog Corporation

Set Items Description

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? set hi ;set hi

HIGHLIGHT set on as ''

HIGHLIGHT set on as ''

? b 411

17may03 13:29:49 User208652 Session D492.2

\$0.00 0.070 DialUnits File410

\$0.00 Estimated cost File410

\$0.07 TELNET

\$0.07 Estimated cost this search

\$0.33 Estimated total session cost 0.144 DialUnits

File 411:DIALINDEX(R)

DIALINDEX(R)

(c) 2003 The Dialog Corporation plc

*** DIALINDEX search results display in an abbreviated ***

*** format unless you enter the SET DETAIL ON command. ***

? sf allbiosci

You have 73 files in your file list.

(To see banners, use SHOW FILES command)

? s prothymosin(15n) (endometrium or endometriosis or uter???)

Your SELECT statement is:

s prothymosin(15n) (endometrium or endometriosis or uter???)

| | Items | File |
|----------|-------|--|
| Examined | 50 | files |
| 1 | 357: | Derwent Biotech Res. _1982-2003/May W2 |
| 1 | 399: | CA SEARCH(R) _1967-2003/UD=13820 |

2 files have one or more items; file list includes 73 files.

? save temp endomet

>>>Name ENDOMET has more than 6 characters

Temp SearchSave "TD003" stored

? b n1:n2

>>>You must first use the RANK FILES command (RF)

? rf

Your last SELECT statement was:

S PROTHYMOSIN(15N) (ENDOMETRIUM OR ENDOMETRIOSIS OR UTER???)

| Ref | Items | File |
|-----|-------|---|
| N1 | 1 | 357: Derwent Biotech Res. _1982-2003/May W2 |
| N2 | 1 | 399: CA SEARCH(R) _1967-2003/UD=13820 |
| N3 | 0 | 2: INSPEC_1969-2003/May W1 |
| N4 | 0 | 5: Biosis Previews(R) _1969-2003/May W2 |
| N5 | 0 | 6: NTIS_1964-2003/May W3 |
| N6 | 0 | 8: Ei Compendex(R) _1970-2003/May W1 |
| N7 | 0 | 10: AGRICOLA_70-2003/May |
| N8 | 0 | 29: Meteor.& Geoastro.Abs. _1970-2002/Jul |
| N9 | 0 | 31: World Surface Coatings Abs_1976-2003/Apr |
| N10 | 0 | 34: SciSearch(R) Cited Ref Sci_1990-2003/May W2 |

2 files have one or more items; file list includes 73 files.

- Enter P or PAGE for more -

? b n1:n2

17may03 13:33:52 User208652 Session D492.3
\$1.41 0.705 DialUnits File411
\$1.41 Estimated cost File411
\$1.16 TELNET
\$2.57 Estimated cost this search
\$2.90 Estimated total session cost 0.849 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 357:Derwent Biotech Res. _1982-2003/May W2

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*File 357: File is now current. See HELP NEWS 357.

Alert feature enhanced for multiple files, etc. See HELP ALERT.

File 399:CA SEARCH(R) 1967-2003/UD=13820

(c) 2003 American Chemical Society

*File 399: Use is subject to the terms of your user/customer agreement.

Alert feature enhanced for multiple files, etc. See HELP ALERT.

| Set | Items | Description |
|-----|-------|-------------|
|-----|-------|-------------|

| | | |
|-----|-------|-------|
| --- | ----- | ----- |
|-----|-------|-------|

? exs

Executing TD003

Hilight option is not available in file(s) 399

HILIGHT set on as '%'

| | |
|-------|---------------|
| 251 | PROTHYMOSIN |
| 8042 | ENDOMETRIUM |
| 1466 | ENDOMETRIOSIS |
| 42241 | UTER??? |

| | | |
|----|---|--|
| S1 | 2 | PROTHYMOSIN(15N) (ENDOMETRIUM OR ENDOMETRIOSIS OR UTER???) |
|----|---|--|

? t 1/5/all

1/5/1 (Item 1 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
(c) 2003 Thomson Derwent & ISI. All rts. reserv.

0249290 DBR Accession No.: 2000-03780 PATENT
Diagnosis and treatment of %endometriosis% using %prothymosin% and
%prothymosin% specific binding agents - protein detection method using
DNA probe for disease diagnosis, prognosis, therapy and antisense
oligonucleotide for gene therapy
AUTHOR: Schneider P A; French C K; Yamamoto K K
CORPORATE SOURCE: Irvine, CA, USA.
PATENT ASSIGNEE: Reprogen 1999
PATENT NUMBER: WO 9963116 PATENT DATE: 19991209 WPI ACCESSION NO.:
2000-086987 (2007)
PRIORITY APPLIC. NO.: US 88016 APPLIC. DATE: 19980604
NATIONAL APPLIC. NO.: WO 99US12336 APPLIC. DATE: 19990603
LANGUAGE: English
ABSTRACT: A method (I) for diagnosing %endometriosis%, which consists of
detecting elevated levels of %prothymosin% gene product in a sample, is
new. Also claimed are: a method for monitoring the progress of
%endometriosis% by comparing the amount of %prothymosin% in 2 test
samples, taken from the same patient at different times; a kit for
detecting %prothymosin% and/or diagnosing %endometriosis% which
consists of a compound that binds a %prothymosin% gene product; the
diagnosis of %endometriosis% by detecting the presence of a
%prothymosin% gene product in %endometriosis% tissue from a subject in
vivo; a method for treating %endometriosis% which involves
administering a DNA probe which consists of a detectable label and a
ligand that specifically binds prothymosin, identifying an
endometriotic lesion in situ by locating the bound label and excising
the lesion; a method for screening for compounds that modulate the
expression of %prothymosin% in an endometrial cell; and treating
%endometriosis% by administering a compound which decreases
%prothymosin% activity. The above may be useful to diagnose, prognose
and treat %endometriosis% and antisense %prothymosin% gene
oligonucleotides may be used in gene therapy. (58pp)
DESCRIPTORS: %prothymosin% det. method, DNA probe, antisense
oligonucleotide, appl. %endometriosis% diagnosis, prognosis, therapy,
gene therapy DNA sequence protein sequence DNA hybridization (Vol.19,
No.7)
SECTION: PHARMACEUTICALS-Clinical Genetic Techniques; GENETIC ENGINEERING
AND FERMENTATION-Nucleic Acid Technology (D7,A1)

1/5/2 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2003 American Chemical Society. All rts. reserv.

132021878 CA: 132(3)21878b PATENT
Use of prothymosin in the diagnosis and treatment of endometriosis
INVENTOR(AUTHOR): Schneider, Patrick A.; French, Cynthia K.; Yamamoto,
Karen K.
LOCATION: USA
ASSIGNEE: Reprogen, Inc.
PATENT: PCT International ; WO 9963116 A2 DATE: 19991209
APPLICATION: WO 99US12336 (19990603) *US 88016 (19980604)
PAGES: 59 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12Q-001/68A;
G01N-033/53B DESIGNATED COUNTRIES: AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR;
BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID;
IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK;
MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT;
UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM
DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SL; SZ; UG; ZW; AT; BE; CH;
CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG;

CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

SECTION:

CA214013 Mammalian Pathological Biochemistry

CA201XXX Pharmacology

CA206XXX General Biochemistry

IDENTIFIERS: prothymosin endometriosis diagnosis therapy drug screening

DESCRIPTORS:

Peritoneum...

administration of diagnostic probe into; use of prothymosin in the diagnosis and treatment of endometriosis

Immunoassay...

competitive, use in diagnosis; use of prothymosin in the diagnosis and treatment of endometriosis

Vagina...

diagnostic sample comprising fluid from; use of prothymosin in the diagnosis and treatment of endometriosis

Ascitic fluid... Blood... Urine...

diagnostic sample comprising; use of prothymosin in the diagnosis and treatment of endometriosis

Phosphorothioate oligonucleotides... Primers(nucleic acid)...

diagnostic use; use of prothymosin in the diagnosis and treatment of endometriosis

cDNA... DNA... Gene, animal... mRNA... RNA...

encoding prothymosin; use of prothymosin in the diagnosis and treatment of endometriosis

Uterus, disease...

endometriosis; use of prothymosin in the diagnosis and treatment of endometriosis

Uterus...

endometrium, diagnostic sample comprising ectopic and/or eutopic tissue from; use of prothymosin in the diagnosis and treatment of endometriosis

Drug screening...

for compds. that regulate prothymosin expression/activity; use of prothymosin in the diagnosis and treatment of endometriosis

Test kits...

for detection of prothymosin; use of prothymosin in the diagnosis and treatment of endometriosis

Radiation detectors...

Geiger, use in diagnosis; use of prothymosin in the diagnosis and treatment of endometriosis

DNA...

immobilized, encoding prothymosin; use of prothymosin in the diagnosis and treatment of endometriosis

Diagnosis...

immunodiagnosis; use of prothymosin in the diagnosis and treatment of endometriosis

Oligonucleotides...

labeled, diagnostic use; use of prothymosin in the diagnosis and treatment of endometriosis

Diagnosis...

mol.; use of prothymosin in the diagnosis and treatment of endometriosis

Imaging...

NMR, use in diagnosis; use of prothymosin in the diagnosis and treatment of endometriosis

Immunoassay...

non-competitive, use in diagnosis; use of prothymosin in the diagnosis and treatment of endometriosis

Peptide nucleic acids...

oligonucleotides comprising, diagnostic use; use of prothymosin in the diagnosis and treatment of endometriosis

Drug delivery systems...

solns., i.p., administration of drugs via; use of prothymosin in the diagnosis and treatment of endometriosis

Drugs...
 that regulate prothymosin expression/activity; use of prothymosin in
 the diagnosis and treatment of endometriosis
 Mass spectrometry...
 use in detecting prothymosin; use of prothymosin in the diagnosis and
 treatment of endometriosis
 Antibodies... Cameras... Nucleic acid amplification(method)... Paramagnetic
 materials... Radionuclides...
 use in diagnosis; use of prothymosin in the diagnosis and treatment of
 endometriosis
 Antisense DNA... Ribozymes...
 use in regulating prothymosin expression; use of prothymosin in the
 diagnosis and treatment of endometriosis
 Therapy...
 use of prothymosin in the diagnosis and treatment of endometriosis
 Nucleotides,uses...
 2'-O-methyl; oligonucleotides comprising; use of prothymosin in the
 diagnosis and treatment of endometriosis
 CAS REGISTRY NUMBERS:
 993-13-5 22638-09-1 41744-81-4 oligonucleotides comprising, diagnostic
 use; use of prothymosin in the diagnosis and treatment of endometriosis
 251922-35-7 251922-36-8 251922-37-9 unclaimed nucleotide sequence; use
 of prothymosin in the diagnosis and treatment of endometriosis
 125524-66-5 unclaimed protein sequence; use of prothymosin in the
 diagnosis and treatment of endometriosis
 89964-14-7P use of prothymosin in the diagnosis and treatment of
 endometriosis
 ? b 411

17may03 13:36:48 User208652 Session D492.4
 \$1.61 0.090 DialUnits File357
 \$3.23 1 Type(s) in Format 5
 \$3.23 1 Types
 \$4.84 Estimated cost File357
 \$2.06 0.164 DialUnits File399
 \$2.75 1 Type(s) in Format 5
 \$2.75 1 Types
 \$4.81 Estimated cost File399
 OneSearch, 2 files, 0.254 DialUnits FileOS
 \$0.70 TELNET
 \$10.35 Estimated cost this search
 \$13.25 Estimated total session cost 1.103 DialUnits
 File 411:DIALINDEX(R)

DIALINDEX(R)

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*** DIALINDEX search results display in an abbreviated ***
 *** format unless you enter the SET DETAIL ON command. ***
 ? sf allmedph

You have 169 files in your file list.

(To see banners, use SHOW FILES command)

? s prothymosin(9n) (endometrium or endometriosis or uterus or uterine)

Your SELECT statement is:

s prothymosin(9n) (endometrium or endometriosis or uterus or uterine)

| Items | File |
|--------------------|---|
| ----- | ----- |
| Examined 50 files | |
| 1 | 348: EUROPEAN PATENTS_1978-2003/Apr W04 |
| 2 | 349: PCT FULLTEXT_1979-2002/UB=20030515,UT=20030508 |
| Examined 100 files | |
| 1 | 357: Derwent Biotech Res._1982-2003/May W2 |
| 1 | 399: CA SEARCH(R)_1967-2003/UD=13820 |
| Examined 150 files | |

4 files have one or more items; file list includes 169 files.

? rf

Your last SELECT statement was:

S PROTHYMOSIN(9N) (ENDOMETRIUM OR ENDOMETRIOSIS OR UTERUS OR UTERINE)

| Ref | Items | File |
|-----|-------|---|
| N1 | 2 | 349: PCT FULLTEXT_1979-2002/UB=20030515,UT=20030508 |
| N2 | 1 | 348: EUROPEAN PATENTS_1978-2003/Apr W04 |
| N3 | 1 | 357: Derwent Biotech Res._1982-2003/May W2 |
| N4 | 1 | 399: CA SEARCH(R)_1967-2003/UD=13820 |
| N5 | 0 | 1: ERIC_1966-2003/Apr 23 |
| N6 | 0 | 2: INSPEC_1969-2003/May W1 |
| N7 | 0 | 5: Biosis Previews(R)_1969-2003/May W2 |
| N8 | 0 | 6: NTIS_1964-2003/May W3 |
| N9 | 0 | 7: Social SciSearch(R)_1972-2003/May W2 |
| N10 | 0 | 8: Ei Compendex(R)_1970-2003/May W1 |

4 files have one or more items; file list includes 169 files.

- Enter P or PAGE for more -

? b nl:n4

17may03 13:38:54 User208652 Session D492.5
\$1.86 0.932 DialUnits File411
\$1.86 Estimated cost File411
\$0.70 TELNET
\$2.56 Estimated cost this search
\$15.81 Estimated total session cost 2.036 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 349:PCT FULLTEXT 1979-2002/UB=20030515,UT=20030508

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File 348:EUROPEAN PATENTS 1978-2003/Apr W04

(c) 2003 European Patent Office

File 357:Derwent Biotech Res._1982-2003/May W2

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*File 357: File is now current. See HELP NEWS 357.

Alert feature enhanced for multiple files, etc. See HELP ALERT.

File 399:CA SEARCH(R) 1967-2003/UD=13820

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*File 399: Use is subject to the terms of your user/customer agreement.

Alert feature enhanced for multiple files, etc. See HELP ALERT.

| Set | Items | Description |
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? s PROTHYMOSIN(9N) (ENDOMETRIUM OR ENDOMETRIOSIS OR UTERUS OR UTERINE)

344 PROTHYMOSIN

10276 ENDOMETRIUM

3893 ENDOMETRIOSIS

48607 UTERUS

16857 UTERINE

S1 5 PROTHYMOSIN(9N) (ENDOMETRIUM OR ENDOMETRIOSIS OR UTERUS OR UTERINE)

? t 1/5/all

1/5/1 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00963044 **Image available**

RIBOZYME BASED TREATMENT OF FEMALE REPRODUCTIVE DISEASES

MODULATION A BASE DE L'ACIDE NUCLEIQUE DES MALADIES ET TROUBLES DE

L'APPAREIL REPRODUCTEUR CHEZ LA FEMME

Patent Applicant/Assignee:

RIBOZYME PHARMACEUTICALS INCORPORATED, 2950 Wilderness Place, Boulder, CO 80301, US, US (Residence), US (Nationality), (For all designated states except: US)

CHIRON CORPORATION, 4560 Horton Street, Emeryville, CA 94608-2916, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

ESCOBEDO Jaime, 1470 Livorna Road, Alamo, CA 94507, US, US (Residence), US (Nationality), (Designated only for: US)

MCSWIGGEN James, 4866 Franklin Drive, Boulder, CO 80301, US, US (Residence), US (Nationality), (Designated only for: US)

PAVCO Pamela, 705 Barberry Circle, Lafayette, CO 80026, US, US (Residence), US (Nationality), (Designated only for: US)

STINCHCOMB Dan, 8409 South Country Road 3, Ft. Collins, CO 80528, US, US (Residence), US (Nationality), (Designated only for: US)

SANDBERG Jennifer, 620 Bluegrass Drive, Longmont, CO 80503, US, US (Residence), US (Nationality), (Designated only for: US)

GORDON Gilad, 3605 Silver Plume Lane, Boulder, CO 80303, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

TERPSTRA Anita J (agent), McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200296927 A2-A3 20021205 (WO 0296927)

Application: WO 2002US17674 20020529 (PCT/WO US0217674)

Priority Application: US 2001870161 20010529; US 2001334461 20011130; US 2002138674 20020503

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: C07H-021/04

International Patent Class: C12Q-001/68; C12N-005/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 67234

English Abstract

The present invention relates to nucleic acid molecules, including dsRNA, siRNA, antisense, 2,5-A chimeras, aptamers, and enzymatic nucleic acid molecules, such as hammerhead ribozymes, DNazymes, and allozymes, which modulate the expression of vascular endothelial growth factor receptor (VEGF) and/or vascular endothelial growth factor receptor (VEGFR) genes for the treatment and/or diagnosis of diseases and conditions associated with angiogenesis, such as cancer, tumor angiogenesis, or ocular indications such as diabetic retinopathy, or age related macular degeneration, proliferative diabetic retinopathy, hypoxia-induced angiogenesis, rheumatoid arthritis, psoriasis, wound healing, and female reproductive disorders and conditions, including but not limited to endometriosis, endometrial carcinoma, gynecologic bleeding disorders, irregular menstrual cycles, ovulation, premenstrual syndrome (PMS), and menopausal dysfunction.

French Abstract

La presente invention porte sur des molecules d'acide nucleique comprenant l'ARNds, l'ARNsi, un antisens, des chimeres 2,5-A, des aptameres et des molecules enzymatiques de l'acide nucleique telles que des ribozymes a tete de marteau, des DNazymes et des allozymes qui modulent l'expression du recepteur du facteur de croissance vasculaire

et/ou des genes du recepteur du facteur de croissance endothelial et utiles dans le traitement et/ou le diagnostic de maladies et etats associes a l'angiogenese tels que le cancer, l'angiogenese tumorale ou des indications oculaires telles que la retinopathie diabetique ou la degenerescence maculaire due a l'age, la retinopathie diabetique proliferative, l'angiogenese induite par l'hypoxie, l'arthrite rhumatoide, le psoriasis, la cicatrisation des lesions et les troubles et etats de l'appareil reproducteur feminin, ces etats comprenant, mais pas exclusivement, l'endometriose, le carcinome de l'endometre, les troubles de saignement gynecologiques, l'irregularite menstruelle, l'ovulation, le syndrome premenstruel et le dysfonctionnement menopausique.

Legal Status (Type, Date, Text)

Publication 20021205 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20030220 Late publication of international search report

Republication 20030220 A3 With international search report.

1/5/2 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00531764

USE OF %PROTHYMOSIN% IN THE DIAGNOSIS AND TREATMENT OF %ENDOMETRIOSIS%

UTILISATION DE LA PROTHYMOSINE DANS LE DIAGNOSTIC ET LE TRAITEMENT DE L'ENDOMETRIOSE

Patent Applicant/Assignee:

REPROGEN INC,
SCHNEIDER Patrick A,
FRENCH Cynthia K,
YAMAMOTO Karen K,

Inventor(s):

SCHNEIDER Patrick A,
FRENCH Cynthia K,
YAMAMOTO Karen K,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9963116 A2 19991209

Application: WO 99US12336 19990603 (PCT/WO US9912336)

Priority Application: US 9888016 19980604

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD

RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class: C12Q-001/68

International Patent Class: G01N-033/53

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18704

English Abstract

Prothymosin expression is up-regulated in endometriotic tissue. This invention provides methods of diagnosing %endometriosis% by detecting up-regulation of a %prothymosin% gene product, and methods of treating %endometriosis% by down-regulating expression of %prothymosin% in ectopic or eutopic endometriotic tissue.

French Abstract

Selon cette invention, on regule positivement l'expression de la prothymosine dans un tissu endometrial. L'invention concerne des procedes de diagnostic de l'endometriose par la detection de regulation positive

d'un produit genique de prothymosine ainsi que des procedes pour traiter l'endometriose par la regulation negative de l'expression de prothymosine dans un tissu endometrial ectopique ou eutopique.

1/5/3 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01116587

USE OF %PROTHYMOSIN% IN THE DIAGNOSIS AND TREATMENT OF %ENDOMETRIOSIS%
VERWENDUNG VON PROTHYMOSIN ZUR DIAGNOSE UND BEHANDLUNG VON ENDOMETRIOSE
UTILISATION DE LA PROTHYMOSINE DANS LE DIAGNOSTIC ET LE TRAITEMENT DE
L'ENDOMETRIOSE

PATENT ASSIGNEE:

Reprogen, Inc., (2612040), Suite 210, 163 West Technology Drive, Irvine,
CA 92618, (US), (Applicant designated States: all)

INVENTOR:

SCHNEIDER, Patrick, A., 49 Castillo, Irvine, CA 92620, (US)
FRENCH, Cynthia, K., 14 Virgil Court, Irvine, CA 92612, (US)
YAMAMOTO, Karen, K., 524 West Avenida de los Lobos Marinos, San Clemente,
CA 92672, (US)

LEGAL REPRESENTATIVE:

Bizley, Richard Edward et al (28352), Hepworth, Lawrence, Bryer & Bizley
Merlin House Falconry Court Baker's Lane, Epping Essex CM16 5DQ, (GB)

PATENT (CC, No, Kind, Date): EP 1002136 A2 000524 (Basic)
WO 9963116 991209

APPLICATION (CC, No, Date): EP 99926150 990603; WO 99US12336 990603

PRIORITY (CC, No, Date): US 88016 P 980604

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: C12Q-001/68; G01N-033/53

CITED PATENTS (WO A): Y Y A A YP

CITED REFERENCES (WO A):

OTA AND IGARASHI: "EXPRESSION OF MAJOR HISTOCOMPATIBILITY COMPLEX CLASS
II ANTIGEN IN ENDOMETRIC TISSUE IN PATIENTS WITH ENDOMETRIOSIS AND
ADENOMYOSIS" FERTIL STERIL, vol. 60, no. 5, 1993, pages 834-838,
XP000857027

BAXEVANIS ET AL.: "PROTHYMOSIN ALPHA ENHANCES HUMAN AND MURINE MHC CLASS
II SURFACE ANTIGEN EXPRESSION AND MESSENGER RNA ACCUMULATION"

J. IMMUNOL., vol. 148, no. 7, 1992, pages 1979-1984, XP002125674

HILL: "IMMUNOLOGY AND ENDOMETRIOSIS" OBSTET GYNECOL CLIN NORTH AM, vol.
24, no. 2, 1997, pages 291-306, XP000857031

SHARPE-TIMMS: "BASIC RESEARCH IN ENDOMETRIOIS" OBSTETRICS AND GYNECOLOGY
CLINICS OF NORTH AMERICA, vol. 24, no. 2, June 1997 (1997-06), pages
269-290, XP000853792

OIKAWA ET AL.: "EXPRESSION OF GONADOTROPIN-RELEASING HORMONE AND
PROTHYMOSIN-ALPHA MESSENGER RIBONUCLEIC ACID IN THE OVARY"
ENDOCRINOLOGY, vol. 127, no. 5, 1990, XP000857700

DATABASE MEDLINE Online HUMAN REPROD UPDATE, July 1998 (1998-07) OTA
ET AL.: "IS ADENOMYOSIS AN IMMUNE DISEASE" XP002123261;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 000524 A2 Published application without search report

Application: 20000202 A2 International application. (Art. 158(1))

Examination: 011219 A2 Date of dispatch of the first examination
report: 20011031

Examination: 000524 A2 Date of request for examination: 20000228

Application: 20000202 A2 International application entering European
phase

LANGUAGE (Publication,Procedural,Application): English; English; English

1/5/4 (Item 1 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
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0249290 DBR Accession No.: 2000-03780 PATENT
Diagnosis and treatment of %endometriosis% using %prothymosin% and
%prothymosin% specific binding agents - protein detection method using
DNA probe for disease diagnosis, prognosis, therapy and antisense
oligonucleotide for gene therapy
AUTHOR: Schneider P A; French C K; Yamamoto K K
CORPORATE SOURCE: Irvine, CA, USA.
PATENT ASSIGNEE: Reprogen 1999
PATENT NUMBER: WO 9963116 PATENT DATE: 19991209 WPI ACCESSION NO.:
2000-086987 (2007)
PRIORITY APPLIC. NO.: US 88016 APPLIC. DATE: 19980604
NATIONAL APPLIC. NO.: WO 99US12336 APPLIC. DATE: 19990603
LANGUAGE: English
ABSTRACT: A method (I) for diagnosing %endometriosis%, which consists of
detecting elevated levels of %prothymosin% gene product in a sample, is
new. Also claimed are: a method for monitoring the progress of
%endometriosis% by comparing the amount of %prothymosin% in 2 test
samples, taken from the same patient at different times; a kit for
detecting %prothymosin% and/or diagnosing %endometriosis% which
consists of a compound that binds a %prothymosin% gene product; the
diagnosis of %endometriosis% by detecting the presence of a
%prothymosin% gene product in %endometriosis% tissue from a subject in
vivo; a method for treating endometriosis which involves administering
a DNA probe which consists of a detectable label and a ligand that
specifically binds prothymosin, identifying an endometriotic lesion in
situ by locating the bound label and excising the lesion; a method for
screening for compounds that modulate the expression of %prothymosin%
in an endometrial cell; and treating %endometriosis% by administering
a compound which decreases %prothymosin% activity. The above may be
useful to diagnose, prognose and treat %endometriosis% and antisense
%prothymosin% gene oligonucleotides may be used in gene therapy. (58pp)
DESCRIPTORS: %prothymosin% det. method, DNA probe, antisense
oligonucleotide, appl. %endometriosis% diagnosis, prognosis, therapy,
gene therapy DNA sequence protein sequence DNA hybridization (Vol.19,
No.7)
SECTION: PHARMACEUTICALS-Clinical Genetic Techniques; GENETIC ENGINEERING
AND FERMENTATION-Nucleic Acid Technology (D7,A1)

1/5/5 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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132021878 CA: 132(3)21878b PATENT
Use of prothymosin in the diagnosis and treatment of endometriosis
INVENTOR(AUTHOR): Schneider, Patrick A.; French, Cynthia K.; Yamamoto,
Karen K.
LOCATION: USA
ASSIGNEE: Reprogen, Inc.
PATENT: PCT International ; WO 9963116 A2 DATE: 19991209
APPLICATION: WO 99US12336 (19990603) *US 88016 (19980604)
PAGES: 59 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12Q-001/68A;
GOIN-033/53B DESIGNATED COUNTRIES: AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR;
BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID;
IL; IN; IS; JP; KE; KG; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK;
MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT;
UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM
DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SL; SZ; UG; ZW; AT; BE; CH;
CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG;
CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG
SECTION:

CA214013 Mammalian Pathological Biochemistry

CA201XXX Pharmacology

CA206XXX General Biochemistry

IDENTIFIERS: prothymosin endometriosis diagnosis therapy drug screening

DESCRIPTORS:

Peritoneum...

administration of diagnostic probe into; use of prothymosin in the diagnosis and treatment of endometriosis

Immunoassay...

competitive, use in diagnosis; use of prothymosin in the diagnosis and treatment of endometriosis

Vagina...

diagnostic sample comprising fluid from; use of prothymosin in the diagnosis and treatment of endometriosis

Ascitic fluid... Blood... Urine...

diagnostic sample comprising; use of prothymosin in the diagnosis and treatment of endometriosis

Phosphorothioate oligonucleotides... Primers(nucleic acid)...

diagnostic use; use of prothymosin in the diagnosis and treatment of endometriosis

cDNA... DNA... Gene, animal... mRNA... RNA...

encoding prothymosin; use of prothymosin in the diagnosis and treatment of endometriosis

Uterus, disease...

endometriosis; use of prothymosin in the diagnosis and treatment of endometriosis

Uterus...

endometrium, diagnostic sample comprising ectopic and/or eutopic tissue from; use of prothymosin in the diagnosis and treatment of endometriosis

Drug screening...

for compds. that regulate prothymosin expression/activity; use of prothymosin in the diagnosis and treatment of endometriosis

Test kits...

for detection of prothymosin; use of prothymosin in the diagnosis and treatment of endometriosis

Radiation detectors...

Geiger, use in diagnosis; use of prothymosin in the diagnosis and treatment of endometriosis

DNA...

immobilized, encoding prothymosin; use of prothymosin in the diagnosis and treatment of endometriosis

Diagnosis...

immunodiagnosis; use of prothymosin in the diagnosis and treatment of endometriosis

Oligonucleotides...

labeled, diagnostic use; use of prothymosin in the diagnosis and treatment of endometriosis

Diagnosis...

mol.; use of prothymosin in the diagnosis and treatment of endometriosis

Imaging...

NMR, use in diagnosis; use of prothymosin in the diagnosis and treatment of endometriosis

Immunoassay...

non-competitive, use in diagnosis; use of prothymosin in the diagnosis and treatment of endometriosis

Peptide nucleic acids...

oligonucleotides comprising, diagnostic use; use of prothymosin in the diagnosis and treatment of endometriosis

Drug delivery systems...

solns., i.p., administration of drugs via; use of prothymosin in the diagnosis and treatment of endometriosis

Drugs...

that regulate prothymosin expression/activity; use of prothymosin in

the diagnosis and treatment of endometriosis
 Mass spectrometry...
 use in detecting prothymosin; use of prothymosin in the diagnosis and
 treatment of endometriosis
 Antibodies... Cameras... Nucleic acid amplification(method)... Paramagnetic
 materials... Radionuclides...
 use in diagnosis; use of prothymosin in the diagnosis and treatment of
 endometriosis
 Antisense DNA... Ribozymes...
 use in regulating prothymosin expression; use of prothymosin in the
 diagnosis and treatment of endometriosis
 Therapy...
 use of prothymosin in the diagnosis and treatment of endometriosis
 Nucleotides,uses...
 2'-O-methyl; oligonucleotides comprising; use of prothymosin in the
 diagnosis and treatment of endometriosis
 CAS REGISTRY NUMBERS:
 993-13-5 22638-09-1 41744-81-4 oligonucleotides comprising, diagnostic
 use; use of prothymosin in the diagnosis and treatment of endometriosis
 251922-35-7 251922-36-8 251922-37-9 unclaimed nucleotide sequence; use
 of prothymosin in the diagnosis and treatment of endometriosis
 125524-66-5 unclaimed protein sequence; use of prothymosin in the
 diagnosis and treatment of endometriosis
 89964-14-7P use of prothymosin in the diagnosis and treatment of
 endometriosis
 ? logoff

17may03 13:44:04 User208652 Session D492.6
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 \$1.40 TELNET
 \$23.95 Estimated cost this search
 \$39.76 Estimated total session cost 2.349 DialUnits
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